

Answer any 2 of the following questions.

1. **Sum of Even Numbers:** Write a program that calculates the sum of all even numbers from 1 to n, where n is entered by the user. Use a for loop.
2. **Factorial Calculator:** Create a program that computes the factorial of a given positive integer using a while loop. Prompt the user to enter an integer, and then calculate its factorial.
3. **Multiplication Table (Using for loop):** Write a program that generates the multiplication table for a given integer entered by the user. Print the multiplication table from 1 to 10 for that number. For example, if the user enters 8, the program should print:

Multiplication Table for 8:

8 x 1 = 8

8 x 2 = 16

8 x 3 = 24

...

8 x 10 = 80